TROUBLE BEGINS.

ouble begins with the first back- Backache comes in many s. Sudden twinges of pain, sharp es, slow exhaustive aches. st backache pains are kidney

Kidneys fail to perform the nature intends them to do the warning of trouble comes gh the back.

lect the kidney warning, grave lications will surely follow. nary disorders — Diabetes— t's Disease—are the downward of Neglected kidneys.

an's Kidney Pills cure every kid- and bladder sickness and the lasts. Read this proof of it:

s. Adam Guntle, residing at 701 h Plum St., Crawfordsville, Ind., : "I made a public statement in saying that Doan's Kidney Pills cured a member of our family he had suffered for years with eak back and kidney troubles. took three boxes of this remedy was completely cured. Now e years have elapsed since I this statement and I am only pleased to reendorse it. I have used Doan's Kidney Pills myself, ning the best results. I have mended this remedy to my ds and neighbors as one which always be depended upon."

ree trial of this great Kidney ne which cured Mrs. Guntle mailed on application to any f the United States. Address -Milburn Co., Buffalo, N. Y. le by all druggists, price 50 per box.

Raising Irish Bulls.

a Bloemfontein paper which apolo- its readers in its second edition for nappearance of its first edition, ow- an accident in the publication office. shows that they are already raising ish bulls in South Africa.—Boston

Honors For Winchester Guns.

reputation of the Winchester Re- Arms company, New Haven, Conn., gest manufacturers of guns and am- n in the world, stands as high abroad this country, as is evidenced by the at most of the crowned heads of Eu- ace orders with them for their hunt- fits. The last addition to the long potentates to favor the Winchester y with his patronage is King Oscar den. He was so pleased with the nde for him by this great company without solicitation upon their part, pointed them gunmakers to his maj-

A Matter of Wonder.

Peck (who has returned from Nia- —I stood speechless.—

Peck—Wonderful, wonderful! (to lf)—I wonder how Niagara did it?— it Free Press.

d head is an eczema of the scalp—very sometimes, but it can be cured. s Ointment, quick and permanent in sults. At any drug store, 50 cents.

er take a better half unless you are f better quarters.—N. Y. Telegraph.

ey refunded for each package of Put- Fadeless Dyes if unsatisfactory.

the genuine pessimist life is a contin- reboding.—Puck.

ST. JACOBS OIL

POSITIVELY CURES

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Neuralgia
Backache
Headache
Feetache
All Bodily Aches
AND

ONQUERS PAIN.

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Keep the rider perfectly dry. No water can leak in on the saddle, cut extra wide and long in the skirt. Extra protection at shoulder seams. Warranted waterproof. If your dealer doesn't have them write for catalogue to

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we began our present business of selling general merchandise at wholesale prices direct to the consumer—two millions of people ordered goods from us last year, saving from 25 to 40 per cent. Our 1902 catalogue tells the story. Send it upon receipt of 15 cents.

Montgomery Ward & Co. CHICAGO

house that tells the truth.

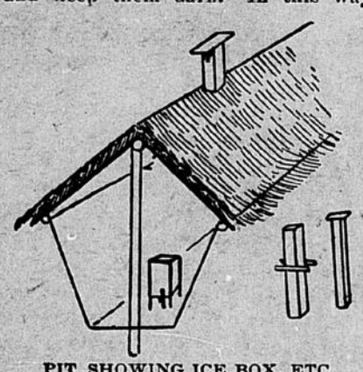
INS WIZARD OIL THERIA, CROUP

HORTICULTURE

A MODEL STORAGE PIT.

It Keeps Vegetables from Freezing During Winter and from Growing During Summer.

One of the most serious problems for vegetable growers is to secure a storage place which will keep vegetables from freezing during winter and also prevent them from shrinking and growing during summer. Numerous plans have been used, some of them with most satisfactory results. In the northwest, Mr. S. J. Fairfield, of Minnesota, describes his method in a recent issue of the Minnesota institute bulletin. Quoting his own language, he says: "I want firm, hard seed potatoes from which no sprouts have ever grown. To secure these, the potatoes should be put in a cave prepared especially for this purpose and so arranged as to control the temperature in winter and summer, keeping it as near to the freezing point as possible. Put the potatoes right in on the earth and keep them dark. In this way



PIT SHOWING ICE BOX, ETC.

they have kept all right for me. Make your cave of any size, shape or kind, if it is nothing more than a pit in the ground. Cover with poles, a few corn stalks, a little straw and six to eight inches of earth.

"A ventilator four feet long and 7x7 inches outside measure should be extended through the roof near the center, projecting 18 inches below the roof. It is made of four-inch board and is eight inches wide by four feet long, in the form of a loose box without ends. A square plunger should be made, of inch board, the same length as the ventilator, using four-inch boards six inches wide by four feet long. Nail a board that just fits over the bottom of the plunger and adjust over the top, so that when the plunger is placed in the ventilator the board on top will prevent its slipping into the cave. The plunger should be filled with sawdust and wrapped with a piece of old quilt or padding, so that when it is in the ventilator, the hole will be completely stopped and consequently frost proof. Put a screw hook into the bottom of the plunger and on it hang a reliable thermometer, so that you can go to the top of the cave, draw out the plunger and see what the temperature is down below without having to open it. The outline of my cave is shown in the accompanying illustration.

"In order to keep the temperature uniform, throw snow all around the cave as soon as the soil is frozen hard, and cover it with straw or old hay. The snow will keep the cave warm in winter and cool late in spring. If nights are very cold, keep careful track of the temperature, and if it gets below 34 degrees pull out the plunger and hang a lantern on the lower end, and the cave will warm up in a little while. If a cellar is used for storing potatoes or vegetables, a large lamp will warm it up during extremely cold periods.

"When spring comes I use ice to keep the temperature of the cave as low as possible. A galvanized box two feet square and 18 inches deep, with a drain off into the ground, will answer as the ice box. It nothing better is at hand, use a washtub and throw a blanket over the ice. I have kept seed potatoes in this way until June and they were as hard as when dug in the fall. Such seed will sprout more slowly and come up later than soft potatoes, but will be more vigorous and as a rule will outyield the other kind."

This plan has worked very well and can be recommended. Of course, as Mr. Fairchild intimates, every vegetable grower must work out the details of the plan himself. The suggestions are excellent. It is easily possible to construct a cave of this kind very cheaply and to keep fruits and vegetables very late in the season. If it is necessary to dig potatoes, for example, early before cool weather comes, the use of ice in this way will keep them until wanted.—American Agriculturist.

HORTICULTURAL HINTS.

A large orchard poorly planted and poorly tended will not produce as good results as fewer trees well cultivated.

It is a good deal more trouble to set trees in a straight row than in a crooked one, but they look better and are more easily cultivated.

Many unoccupied fence corners might be growing trees if set there. In a few years they would be a source of beauty and comfort.

Whenever root grafting is used in the winter the plants should not be set out in the spring unless the grafts have grown together.—Rural World.

THE ART OF BUDDING.

Every Fruit Grower Should Be an Expert in It, Because It Leads to Success.

Budding consists in taking a bud from one tree and inserting it under the bark of another tree. The union of the two, the bud and the stock, take place at the edge of the bark of the inserted bud. For this reason the bud should be inserted as soon as cut from its twig and before it has time to dry out. The bud should also be full, plump and well matured. The stock should be in active growth, so that the bark will slip easily. In cutting the bud a sharp knife is required, as a clean smooth cut is desirable. The knife is inserted a half inch above and brought out the same distance below, shaving out the small wedge of wood under the bed along with the bark. The wedge is no hindrance to the union and should not be removed. The leaf is always clipped off. To insert the bud make a T-shaped incision just through the bark. Raise the bark carefully without breaking it, insert the bud. Practice will give ease and dispatch to the operation. The bud must be held firmly to the stock both above and below it, being careful to leave the eye of the bud uncovered. Raffia, bass, candle wick, or waxed cloth may be used for tying. In about ten days if the bud takes, the bandage must be removed, or the stock will be strangled and the growth hinderer.—Midland Farmer.

THE STRAWBERRY BED.

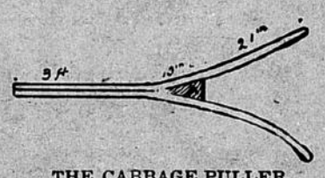
Some Suggestions on How to Carry the Plants Successfully Through the Winter.

Still another inquiry comes about the winter care of strawberries. All such questions are very timely just now. The strawberry bed should be where no water can settle during the winter. If there is the least danger, dig shallow channels around your bed, and, if necessary, through it. Now cover with such material as you find most convenient—either sawdust or cut straw or compost. The latter should be well decomposed mixture, and it will do no harm if there is a proportion of coal ashes in the pile. Autumn leaves make an excellent covering, but must not be laid on too thickly. You can hold them in place with the canes cut from your raspberries. Remove these and burn in the spring. Sawdust is a first rate material, especially after it has been used for bedding in horse stables. In the spring it need not be removed, except to rake thin on the plants and leave it in the path. A good compost can be treated in the same way. Strawberries must not be covered so thickly as to hide the tips of the leaves. We are gradually getting varieties with roots strong enough to prevent their heaving in the winter. We may be able to entirely dispense with covering when this evolution is carried a little further.—N. Y. Tribune.

FOR PULLING CABBAGES.

A Simple Little Tool That Is Warranted to Save Lots of Backache and Annoyance.

Take two strips of stiff board two inches wide and fasten them together, as shown in the accompanying cut, and you have a tool that will save lots of backache. A wedge-



THE CABBAGE PULLER.

shaped block (a) ten inches long and two inches thick at the big end, is bolted in the fork of the two pieces and two or three wire nails driven through the handle to hold it. The points of the fork are tapered down and the corners are rounded off the handle, and you are ready for business. The cabbage can be pulled and, by a little care, left bottom upward.—A. C. Lake, in Orange Judd farmer.

Boxes for Shipping Apples.

Judging from letters received, fruit men are taking increased interest in the box as an apple package. The inside measurements of the typical Pacific coast apple package, in which hundreds of bushels of Oregon and New York during the past season, are 20¼ by 11 by 9⅝ inches. The ends are three-fourths inch hard pine. The apples may be put in tightly, and the thin, springy sides hold them firmly without bruising. The box is put together with 32 rough wire nails 1¾ inches long. This package has been carefully studied out by the shippers, and is said to give satisfaction all around. — Midland Farmer.

Things to Do in the Fall.

Clean up the flower garden of all trash. Don't let it winter over in an uncared for condition. Remove stakes, trellises, etc., and during the winter give a coat of oil and paint. Burn the dead plants and leaves to destroy insects and their eggs. Fix up branches liable to be injured by winds or ice. The seeds and bulbs of many plants are well worth saving for next year's planting or to exchange for novelties or give to friends. It will soon be time to apply the mulch of stable manure around roses and other shrubs. Late summer and fall shrubs should be pruned to good form.—Farm and Home.

CONGRESSMAN WILBER SAYS

[To The Pe-ru-na Medicine Co., of Columbus, O.]

"Pe-ru-na is All You Claim For It."

Congressman D. F. Wilber, of Oneonta, N. Y., writes:

The Peruna Medicine Co., Columbus, Ohio:

Gentlemen---"Persuaded by a friend I have tried your remedy and I have almost fully recovered after the use of a few bottles. I am fully convinced that Peruna is all you claim for it, and I cheerfully recommend your medicine to all who are afflicted with catarrhal trouble."---David F. Wilber.

Pe-ru-na a Preventive and Cure for Colds.

Mr. C. F. Given, Sussex, N. B., Vice President of "The Pastime Boating Club," writes:

"Whenever the cold weather sets in I have for years past been very sure to catch a severe cold which was hard to throw off, and which would leave after-effects on my constitution the most of the winter.

"Last winter I was advised to try Peruna, and within five days the cold was broken up and in five days more I was a well man. I recommended it to several of my friends and all speak the highest praise for it. *There is nothing like Peruna for catarrhal afflictions. It is well nigh infallible as a cure, and I gladly endorse it."---C. F. Given.*

A Prominent Singer Saved From Loss of Voice.

Mr. Julian Weisslitz, 175 Seneca street, Buffalo, N. Y., is corresponding secretary of The Sangerlust, of New York; is the leading second bass of the Sangerlust, the largest German singing society of New York and also the oldest.

In 1899 The Sangerlust celebrated its fiftieth anniversary with a large celebration in New York City. The following is his testimony:

"About two years ago I caught a severe cold while traveling and which settled into catarrh of the bronchial tubes, and so affected my voice that I was obliged to cancel my engagements. In distress I was advised to try Peruna, and although I had never used a patent medicine before, I sent for a bottle.

"Words but illy describe my surprise to find that within a few days I was greatly relieved, and within three weeks I was entirely recovered. I am never without it now, and take an occasional dose when I feel run-down."—Julian Weisslitz.

If you do not derive prompt and satisfactory results from the use of Peruna write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

A Thin-Soil Crop.

Egotism is one of the crops most easily cultivated. A peculiarity of the plant is that it makes the most rapid and permanent growth on the barrenest of mental reservations.—Los Angeles Herald.

No one would ever be bothered with constipation if everyone knew how naturally and quickly Burdock Blood Bitters regulate the stomach and bowels.

Lots of people who admit they are in reduced circumstances would get fighting mad if anyone accused them of being poor.—Chicago Daily News.

Piso's Cure for Consumption is an infallible medicine for coughs and colds.—N. W. Samuel, Ocean Grove, N. J., Feb. 17, 1900.

Truth, of course, is wholesome, but much of it has a very disagreeable taste.—Indianapolis News.

"A dose in time saves lives." Dr. Wood's Norway Pine Syrup; nature's remedy for coughs, colds, pulmonary diseases of every sort.

He—"I would die for you!" She—"How much is your life insurance?"—Philadelphia Bulletin.

Selfishness is the seed of sorrow.—Four-Track News.

Chicago & Eastern Illinois Railroad.

The Chicago & Eastern Illinois R. R. has placed on sale round trip tickets at reduced rates to all authorized winter tourist points in the South, Southeast and Southwest. Tickets will be good returning until May 31st, 1903. Liberal stopover arrangements en route will be authorized.

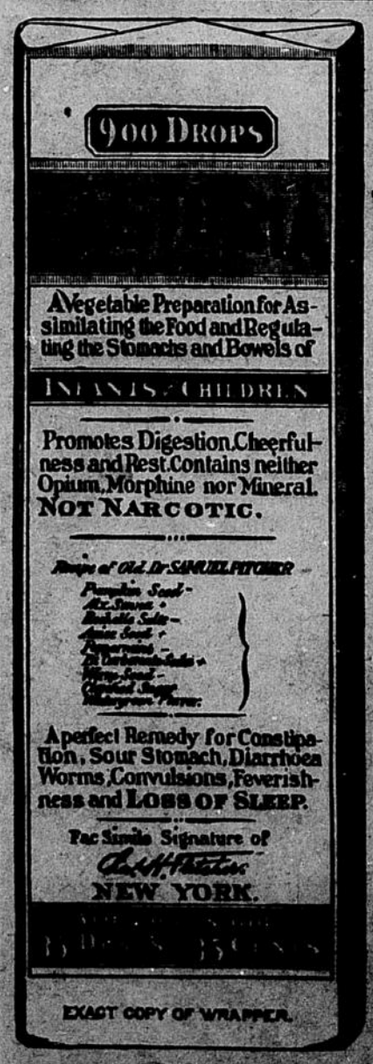
It is expected that arrangements for the operation of through sleeping cars and solid trains, Chicago to Florida, via Chicago & Eastern Illinois R. R., will be made much earlier this year than heretofore. For full particulars as to rates, etc., apply to any ticket agent C. & E. I. R. R. or to W. H. Richardson, G. P. A., Chicago.

The Season.

There was once a fullback who hunted
For trouble, and got all he wanted;
For he started to fool
With a government mule—
His tombstone reads simply: "Outpunted."
—Catholic Standard and Times.

"I often see the foreign papers alluding to 'floating debts,'" said the grand vizier. "What is a 'floating debt?'" "My navy!" groaned the sultan of Turkey.—Philadelphia Record.

"I see the new magazine is out?" "Yes; and, thank heaven, they've got my poem right next to the advertising matter!"—Atlanta Constitution.



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2. The beautiful Double Holiday Numbers of The Companion for Thanksgiving, Christmas and New Year's FREE.
3. The Youth's Companion Calendar for 1903—a beautiful art souvenir lithographed in twelve colors and gold, FREE.
4. The 52 issues of The Companion for 1903—a library of the best reading by the most popular writers.

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THE YOUTH'S COMPANION, Boston, Mass.

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To prove the healing and cleansing power of Paxtine Toilet Antiseptic we will mail a large trial package with book of instructions absolutely free. This is not a tiny sample, but a large package, enough to convince anyone of its value. Women all over the country are praising Paxtine for what it has done for local treatment of female ills, curing all inflammation and discharges, wonderful as a cleansing vaginal douche, for sore throat, nasal catarrh, as a mouth wash, and for general hygienic use it whitens the teeth. Send a postal card will do.

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A.N.K.—G 1903

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